

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"6307507"	USPAT	OR	OFF	2006/03/04 09:53
L3	2	"200189030"	USPAT; DERWENT	OR	OFF	2006/03/04 09:59
S1	1	"20040157645"	US-PGPUB; USPAT	OR	OFF	2005/07/25 08:59
S2	607	455/562.1	US-PGPUB; USPAT	OR	OFF	2005/07/25 08:59
S3	13	(antenna near3 array) and (feed\$3 near1 port) and (antenna\$1 same ((phase or signal) adj shifter\$1)) and (beamformer)	US-PGPUB; USPAT	OR	OFF	2005/07/25 09:01
S4	1	(antenna near3 array) and (feeding adj port) and ((phase or signal) adj shifter\$1) and (beamformer)	US-PGPUB; USPAT	OR	OFF	2005/07/25 09:15
S5	1	(antenna near3 array) and (feeding near1 port) and ((phase or signal) adj shifter\$1) and (beamformer)	US-PGPUB; USPAT	OR	OFF	2005/07/25 09:15
S6	11	(antenna near3 array) and (feeding near1 port) and ((phase or signal) adj shifter\$1)	US-PGPUB; USPAT	OR	OFF	2005/07/25 09:16
S7	127	(antenna\$1 near5 array) and (feed\$3 near2 port) and ((signal\$1 or phase) adj shifter\$1)	US-PGPUB; USPAT	OR	OFF	2005/07/25 09:19
S8	18	(antenna\$1 near5 array) and (feed\$3 near2 port) and ((signal\$1 or phase) adj shifter\$1) and beamformer	US-PGPUB; USPAT	OR	OFF	2005/07/25 09:17
S9	20	(antenna\$1 near5 array) and (feed\$3 near2 port) and ((signal\$1 or phase) adj shifter\$1) and (beam adj width\$1)	US-PGPUB; USPAT	OR	OFF	2005/07/25 09:20
S10	1366	(antenna\$1 near5 array) and (beam adj width\$1)	US-PGPUB; USPAT	OR	OFF	2005/07/25 09:20
S11	37	(antenna\$1 near5 array) and (beam adj width\$1) and (feed\$3 near1 port)	US-PGPUB; USPAT	OR	OFF	2005/07/25 09:21
S12	415	(antenna\$1 near5 array) and (beam adj width\$1) same antennas	US-PGPUB; USPAT	OR	OFF	2005/07/28 16:13
S13	322436	S12 and antenna gain	US-PGPUB; USPAT	OR	OFF	2005/07/25 09:21
S14	82	S12 and (antenna adj gain)	US-PGPUB; USPAT	OR	OFF	2005/07/25 09:21
S15	1	"6759983"	US-PGPUB; USPAT	OR	OFF	2005/07/25 09:23

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S17	5	"6426814"	US-PGPUB; USPAT	OR	OFF	2005/07/25 09:24
S18	8	"6525691"	US-PGPUB; USPAT	OR	OFF	2005/07/26 09:43
S19	159	(antenna near50 array) same (feed\$3 near2 port\$1)	US-PGPUB; USPAT	OR	OFF	2005/07/26 10:44
S20	70	(antenna near50 array) same (feed\$3 near2 port\$1) and ((signal or phase) near1 shifter\$1)	US-PGPUB; USPAT	OR	OFF	2005/07/26 09:49
S21	6	S20 and beamformers	US-PGPUB; USPAT	OR	OFF	2005/07/26 09:49
S22	6	S19 and beam adj former	US-PGPUB; USPAT	OR	OFF	2005/07/26 10:44
S23	6	S19 and (beam adj former)	US-PGPUB; USPAT	OR	OFF	2005/07/26 10:44
S24	422	(antenna near50 array) and (feed\$3 near2 port\$1)	US-PGPUB; USPAT	OR	OFF	2005/07/26 10:44
S25	3	S24 and (beamformer\$1 or (beam adj former\$1)) same (switch\$3) same (feed\$3)	US-PGPUB; USPAT	OR	OFF	2005/07/26 13:02
S26	23	(antenna same array) and (beamform\$3 near50 switch\$2) same (shifter\$1 ((signal or phase) adj shifters))	US-PGPUB; USPAT	OR	OFF	2005/07/26 13:15
S27	10	(antenna same array) and (beamform\$3 near50 switch\$2) same (shifter\$1 ((signal or phase) adj shifters)) and (switch same feed\$3)	US-PGPUB; USPAT	OR	OFF	2005/07/26 13:57
S28	18	(antenna same array) and (antenna same gain\$1) same (signal near1 weight\$1)	US-PGPUB; USPAT	OR	OFF	2005/07/26 16:54
S29	2	(antenna same array) and (antenna same gain\$1) same ((signal and phase) near1 weight\$1)	US-PGPUB; USPAT	OR	OFF	2005/07/26 16:16
S30	3	(antenna same array) and (antenna same gain\$1) same (signal near1 weight\$1) and (table)	US-PGPUB; USPAT	OR	OFF	2005/07/26 16:54
S31	2	(antenna same array) and (antenna same gain\$1) same (signal near1 weight\$1) and (table same sto\$3)	US-PGPUB; USPAT	OR	OFF	2005/07/26 16:55
S32	3	(antenna same array) and (antenna same gain\$1) same (signal near1 weight\$1) and (table same weight\$3)	US-PGPUB; USPAT	OR	OFF	2005/07/26 17:03

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S33	1	(antenna same array) and (antenna same gain\$1) same (signal near1 weight\$1) and (table same phase)	US-PGPUB; USPAT	OR	OFF	2005/07/26 16:57
S34	5	(antenna same array) and (antenna same gain\$1) same (signal near1 weight\$1) and (stor\$3 same weight\$3)	US-PGPUB; USPAT	OR	OFF	2005/07/26 17:09
S35	1	(antenna same array) and (antenna same gain\$1) same (signal near1 weight\$1) and (stor\$3 same weight\$3) and ((real adj number) same (phase))	US-PGPUB; USPAT	OR	OFF	2005/07/26 17:38
S36	10	(antenna same array) and (antenna same gain\$1) same (signal near1 weight\$1) and (weight\$3 same (amplitude and phase))	US-PGPUB; USPAT	OR	OFF	2005/07/26 17:41
S37	9	(antenna same array) and (antenna same gain\$1) same (signal near1 weight\$1) and (weight\$3 same (amplitude and phase))and (weight\$3 same interference\$1)	US-PGPUB; USPAT	OR	OFF	2005/07/26 17:41
S38	9	(antenna same array) and (antenna same gain\$1) same (signal near1 weight\$1) and (weight\$3 same (amplitude and phase)) and (weight\$3 same interference\$1)	US-PGPUB; USPAT	OR	OFF	2005/07/26 17:46
S39	4	(antenna same array) and (antenna same gain\$1) same (signal near1 weight\$1) and (weight\$3 same (amplitude and phase)) and (interference\$1 same null)	US-PGPUB; USPAT	OR	OFF	2005/07/26 17:59
S40	4	(antenna same array) and (antenna same gain\$1) same (signal near1 weight\$1) and (weight\$3 same (amplitude and phase)) and (gain same steer\$3)	US-PGPUB; USPAT	OR	OFF	2005/07/26 17:56
S41	4	(antenna same array) and (antenna same gain\$1) same (signal near1 weight\$1) and (weight\$3 same (amplitude and phase)) and (gain same steer\$3)	US-PGPUB; USPAT	OR	OFF	2005/07/26 17:58
S42	7	(antenna same array) and (antenna same gain\$1) same (signal near1 weight\$1) and (weight\$3 same (amplitude and phase)) and (gain same direction)	US-PGPUB; USPAT	OR	OFF	2005/07/26 17:58

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S43	4	(antenna same array) and (antenna same gain\$1) same (signal near1 weight\$1) and (weight\$3 same (amplitude and phase)) and (interference\$1 same null) and (gain same direction)	US-PGPUB; USPAT	OR	OFF	2005/07/26 18:39
S44	1	(antenna same array) and (antenna same gain\$1) same (signal near1 weight\$1) and (weight\$3 same (amplitude and phase)) and (interference\$1 same null) and (gain same direction) and (shifter near50 (phase and amplitude))	US-PGPUB; USPAT	OR	OFF	2005/07/26 18:41
S45	1	(antenna same array) and (antenna same gain\$1) same (signal near1 weight\$1) and (weight\$3 same (amplitude and phase)) and (interference\$1 same null) and (gain same direction) and (shifter near50 amplitude)	US-PGPUB; USPAT	OR	OFF	2005/07/26 18:48
S46	1	(antenna same array) and (antenna same gain\$1) same (signal near1 weight\$1) and (weight\$3 same (amplitude and phase)) and (interference\$1 same null) and (gain same direction) and (shifter near5 amplitude)	US-PGPUB; USPAT	OR	OFF	2005/07/26 18:42
S47	1	(antenna same array) and (antenna same gain\$1) same (signal near1 weight\$1) and (weight\$3 same (amplitude and phase)) and (interference\$1 same null) and (gain near50 direction) and (shifter near50 amplitude)	US-PGPUB; USPAT	OR	OFF	2005/07/26 18:48
S48	18	("3979754"   "4424500"   "4503436"   "4618831"   "4868886"   "4879711"   "4882588"   "4901085"   "5038147"   "5038150"   "5093668"   "5115248"   "5162804"   "5422647"   "5623269"   "5648784").PN. OR ("6340948"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/28 14:39
S50	180	(antenna\$1 near5 array) and (beamform\$3) and (interference same angle)	US-PGPUB; USPAT	OR	OFF	2005/07/28 16:13
S51	18	(antenna\$1 near5 array) and (beamform\$3) and (interference same angle) same (table\$1 or stor\$3)	US-PGPUB; USPAT	OR	OFF	2005/07/28 16:18

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S52	9	(antenna\$1 near5 array) and (beamform\$3) and (interference same angle) same (table\$1 or map\$4)	US-PGPUB; USPAT	OR	OFF	2005/07/28 16:19
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